



Ultra HD Endoscopy System

AQ-300

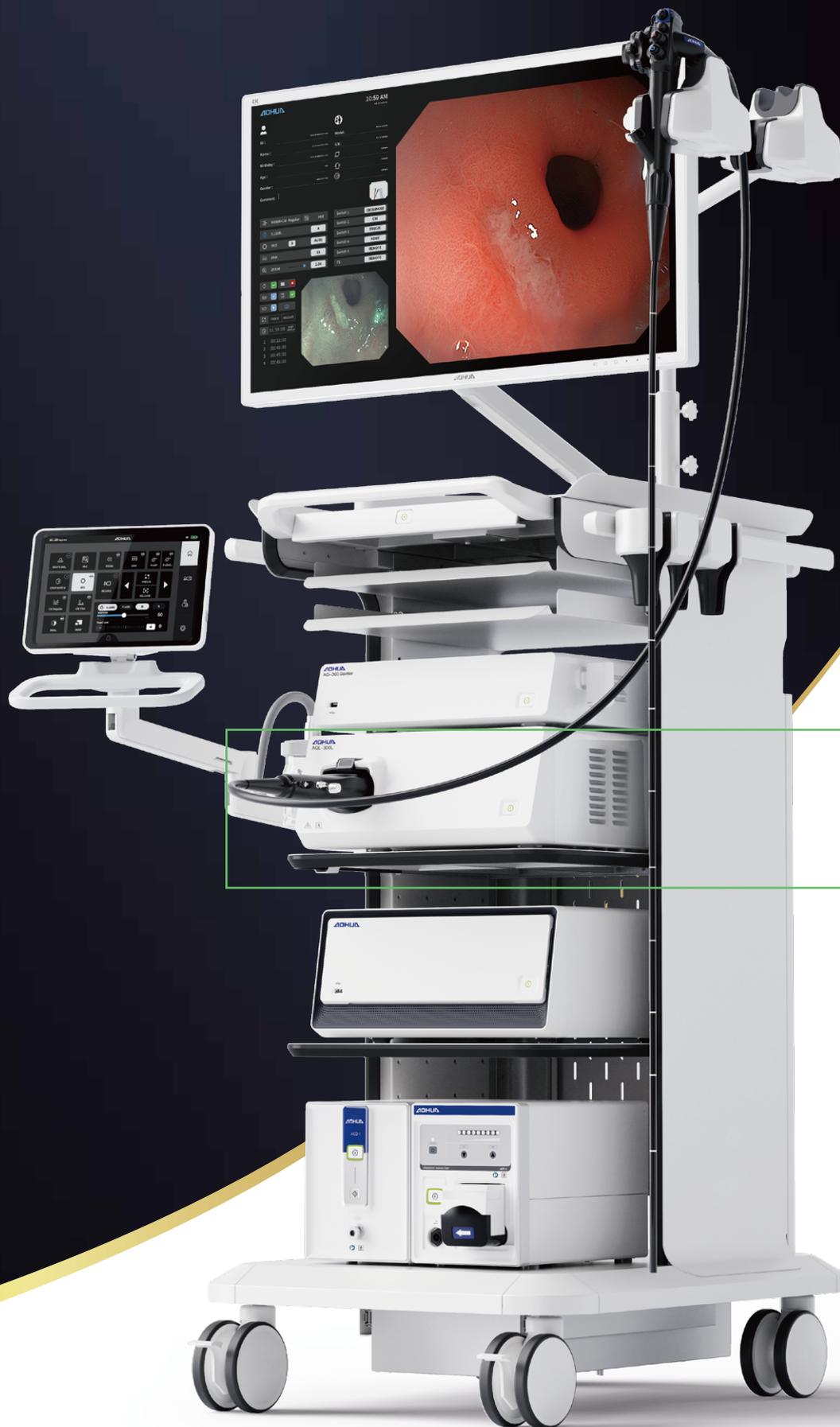




4K

The Future Of Endoscopy Is Here

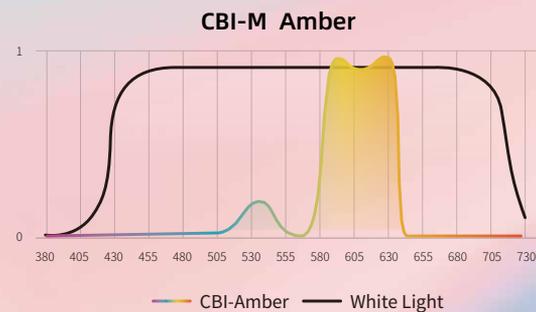
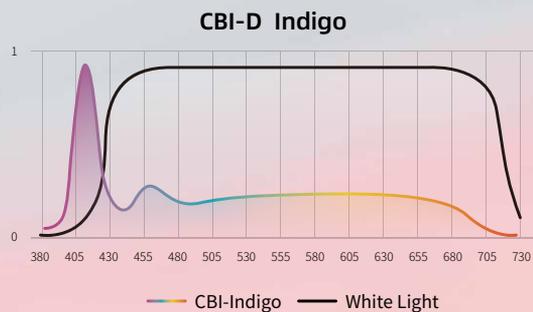
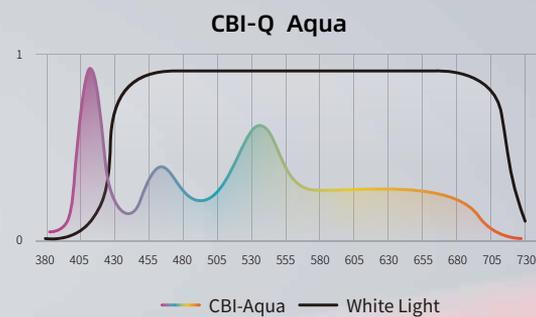
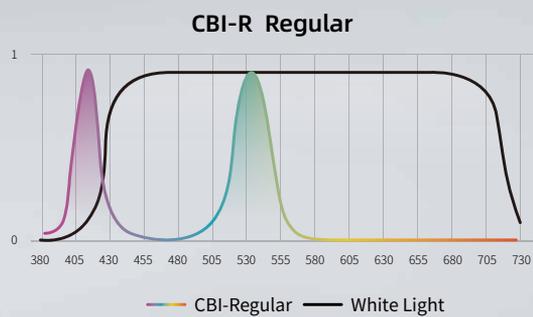
With a 4K Display and the 4K Processor, the AQ-300 offers an improved endoscopic image, to advance your diagnosis.



8.10.

4 CBI Modes On 5LED

The AQ-300 offers four chromoendoscopy modes achieved through various combinations of its five LED light source. These modes provide efficient, fast, and accurate solutions for clinical problems in different scenarios.





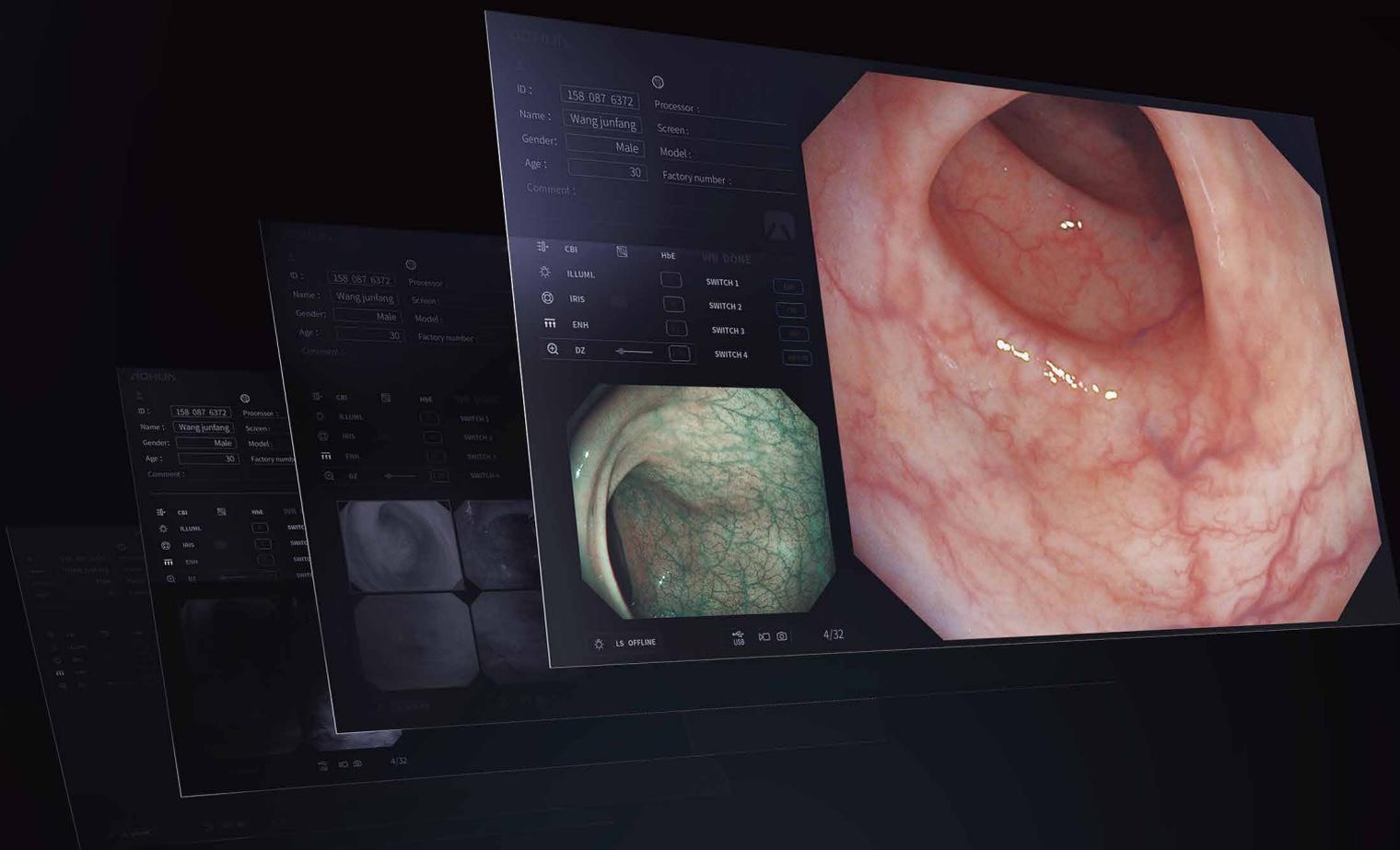
Laser Transmission And Wireless Power Supply

The integration of laser transmission enables high-speed transmission and improved insulation strength and anti-interference of high-frequency signals, ensuring a more stable transmission of images. Additionally, the implementation of wireless power supply technology eliminates the risk of patients being exposed to electric leakage.



Dual Image Display

The AQ-300 enables the display of both white light and optical chromoendoscopy images on the same screen, allowing for a clear visualization of the differences between the two.



Intelligent

Experience the advanced intelligent operation flow of the AQ-300, which includes some innovative features.



Functions and Features

Light Source	5 LED
Chromoendoscopy	CBI Regular / CBI Indigo / CBI Aqua / CBI Amber
Image Enhancement	Structure / Edge / Combination
Brightness Adjustment	Automatic / Manual mode
Digital zooming function	1 / 1.2 / 1.5/ 1.8 / 2 times
Freeze and playback	Freezes the real-time image and plays it back.
IRIS	Peak/Average/Auto
USB Storage	High definition images and videos can be stored at any time
Dual Image Display	Display both WLI image and CBI image

GI Endoscope



5th Generation Handle

The newly launched handle design is lighter, which effectively reduces hand fatigue.



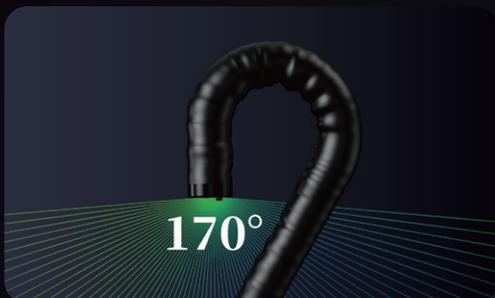
Standard Forwarding Water-jet

The entire series of gastrointestinal endoscopes includes the forwarding water-jet function, which helps maintain a clear view during diagnosis and treatment.



Large Instrument Channel

The available options include a 3.2mm large instrument channel gastroscopy and a 4.2mm large instrument channel colonoscopy.



170° field of view

The AQ-300 offers a wider field of view, which is included in the entire colonoscopy series.



3 Light Guides

The endoscopic tip is designed with 3 light guides, ensuring brighter and more uniform illumination, especially for far-field areas.

UHD-GT/CL/ED

	Model	Working length	Total length	Distal end outer diameter	Insertion tube outer diameter	Instrument channel inner diameter	Depth of field	Field of View	Angulation range
Video Gastrosopes	* UHD-GT300	1100mm	1400mm	9.2mm	9.2mm	2.8mm	2-100mm	145°	U210°D120°L100° R100°
	* UHD-GT300T	1100mm	1400mm	9.8mm	9.6mm	3.2mm	2-100mm	145°	U210°D120°L100° R100°
	* UHD-GT300Z	1100mm	1400mm	9.9mm	9.6mm	2.8mm	1.5-3mm (Mag) 3-100mm (Normal)	95° 145°	U210°D120°L100° R100°
	UHD-GT300XP	1100mm	1400mm	5.4mm	5.8mm	2.4mm	2-100mm	140°	U210°D90°L100° R100°
	UHD-GT300XTP	1100mm	1400mm	5.9mm	6.0mm	2.8mm	2-100mm	140°	U210°D90°L100° R100°
Video Colonoscopes	* UHD-CL300I	1350mm	1650mm	12.2mm	12.0mm	3.8mm	2-100mm	170°	U180°D180°L160° R160°
	* UHD-CL300L	1700mm	2000mm	12.2mm	12.0mm	3.8mm	2-100mm	170°	U180°D180°L160° R160°
	* UHD-CL300TI	1350mm	1650mm	12.2mm	12.0mm	4.2mm	2-100mm	170°	U180°D180°L160° R160°
	* UHD-CL300TL	1700mm	2000mm	12.2mm	12.0mm	4.2mm	2-100mm	170°	U180°D180°L160° R160°
	* UHD-CL300ZI	1350mm	1650mm	12.8mm	12.0mm	3.8mm	2-3.5mm (Mag) 3-100mm (Normal)	90° 170°	U180°D180°L160° R160°
	* UHD-CL300ZL	1700mm	2000mm	12.8mm	12.0mm	3.8mm	2-3.5mm (Mag) 3-100mm (Normal)	90° 170°	U180°D180°L160° R160°
	* UHD-CL300PI	1350mm	1650mm	9.8mm	9.8mm	3.2mm	2-100mm	170°	U210°D180°L160° R160°
	* UHD-CL300PL	1700mm	2000mm	9.8mm	9.8mm	3.2mm	2-100mm	170°	U210°D180°L160° R160°
	* UHD-CL300TPI	1350mm	1650mm	10.2mm	10.5mm	3.8mm	2-100mm	170°	U210°D180°L160° R160°
* UHD-CL300TPL	1700mm	2000mm	10.2mm	10.5mm	3.8mm	2-100mm	170°	U210°D180°L160° R160°	
Video Duodenoscope	UHD-ED300V	1250mm	1530mm	13.5mm	11.2mm	4.2mm	4-60mm	100°	U120°D90°L90° R110°

*: Forwarding water-jet
Mag: magnification mode

Bronchoscope



Ultra Large Instrument Channel

3.2mm instrument channel with 5.8mm insertion tube (VBC-T300H)



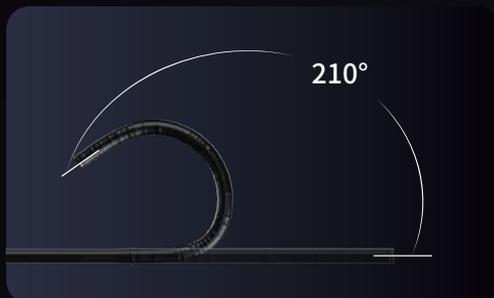
Ultra Slim Insertion Tube

2.8mm distal end with 1.2 instrument channel (VBC-XQ300)



Left/right Rotation

Control ring enables left and right rotation of the insertion tube by 120° in both directions.



210° Upward Rotation

All VBC-300 series support 210° upward rotation to enable easier access to bronchus.



Angulation Lock

Lock button on the handle enables locking of the distal tip in an angulated position.

VBC-300 Series Video Bronchoscope

Model	Working length	Total length	Distal end outer diameter	Insertion tube diameter	Instrument channel inner diameter	Depth of field	Field of view	Angulation range	Left/right rotation
VBC-XQ300	600mm	870mm	2.8mm	2.8mm	1.2mm	2-100mm	120°	U210° D130°	L120° R120°
VBC-N300	600mm	870mm	3.8mm	3.8mm	2.2mm	2-100mm	120°	U210° D130°	L120° R120°
VBC-T300	600mm	870mm	4.9mm	4.9mm	3.0mm	2-100mm	120°	U210° D130°	L120° R120°
VBC-N300H*	600mm	870mm	4.9mm	4.9mm	2.2mm	2-100mm	120°	U210° D130°	L120° R120°
VBC-T300H*	600mm	870mm	5.8mm	6.1mm	3.2mm	2-100mm	120°	U210° D130°	L120° R120°

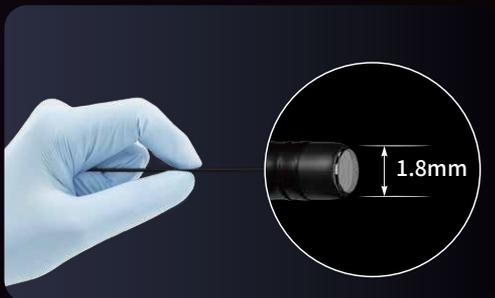
* supports HDTV image

Laryngoscope



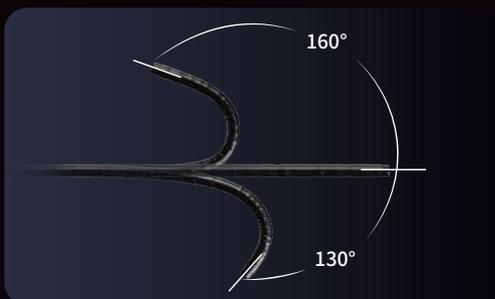
Ultra Large Instrument Channel

2.2mm instrument channel with 4.9mm insertion tube(VRL-N300H)



Ultra Slim Insertion Tube

VRL-X300 with 1.8mm distal end provides excellent insertion.



Large Angulation

All VRL-300 series support 160° upward and 130° downward angulation to assist observation of a wider field of view.



Fully Waterproof

The fully waterproof cover will make the cleaning process more efficient.



New Generation Handle

The new generation handle optimized with a more ergonomic design makes the endoscope more comfortable.

VRL-300 Series Video Laryngoscope

Model	Working length	Total length	Distal end outer diameter	Insertion tube diameter	Instrument channel inner diameter	Depth of field	Field of view	Angulation range
VRL-X300	300mm	570mm	1.8mm	1.9mm	/	2-100mm	120°	U160°D130
VRL-XQ300H*	300mm	570mm	2.8mm	2.8mm	/	2-100mm	120°	U160°D130°
VRL-N300H*	380mm	650mm	4.9mm	4.9mm	2.2mm	2-100mm	120°	U160°D130°

* supports HDTV image



 **call us +49 (0) 8104-8908-0**

Headquarter Europe (Aohua affiliate company)
WISAP Medical Technology GmbH
Fichtenstrasse 27
85649 Brunnthal-Hofolding
Email: Info@aohua.eu

www.Aohua.eu

See the Manual for details of contraindications or precautions.

v3.1_2409_EU